

Release notes for ENDF/B Development dec-087\_Fr\_201  
evaluation

**ENDF**  
**B-VII**.dev

October 13, 2016

• fizcon Errors:

1. At least one gamma ray needed for given source mode  
*MAT=3326, MF= 8, MT=457 (1): Need gamma ray*

ERROR(S) FOUND IN MAT=3326, MF= 8, MT=457  
 GAMMA RAY NEEDED, SOURCE MODE= 4

2. Energies released in decay not adding up!  
*MAT=3326, MF= 8, MT=457 (2): Bad energy sum*

ERROR(S) FOUND IN MAT=3326, MF= 8, MT=457  
 PARTICLE ENERGY (AE) SUMUP FAILURE  
 WHOLE= 7.50749E+06 SUM= 7.36100E+06 SEQUENCE NUMBER 2

3. Energies released in decay not adding up!  
*MAT=3326, MF= 8, MT=457 (3): Bad energy sum*

ERROR(S) FOUND IN MAT=3326, MF= 8, MT=457  
 ALPHA AVERAGE ENERGY SUMUP FAILURE  
 WHOLE= 7.36100E+06 SUM= 7.51056E+06